

## CLAIMS

We claim:

1. An electric machine comprising a stator, said stator comprising:
  2. a laminated core comprising a stack of sheet metal stampings having a central opening and a plurality of undercut anchoring elements around the central opening; and
    5. a hub which is cast in place in said central opening so that said anchoring elements are at least partially embedded in said hub.
  1. 2. An electric machine as in claim 1 wherein said anchoring wherein said anchoring elements are an integral part of said sheet metal stampings.
  1. 2. 3. An electric machine as in claim 2 wherein said anchoring elements are formed as hooks which project into said opening.
  1. 2. 4. An electric machine as in claim 2 wherein said anchoring elements are formed by anchoring openings which lie radially outside of said central opening.
  1. 2. 5. An electric machine as in claim 1 further comprising axial spaces between axially aligned anchoring elements.
  1. 2. 6. An electric machine as in claim 1 wherein said anchoring elements comprise identical anchoring elements which are distributed uniformly in the circumferential direction.

1                   7. An electric machine as in claim 1 wherein said hub has opposed  
2 axial ends formed with respective shoulders which axially engage said core.

1                   8. An electric machine as in claim 1 wherein said laminated core has  
2 a radially outer contour which where the sheet metal stampings are welded together.

1                   9. An electric machine as in claim 1 wherein each said stamping  
2 comprises a plurality of segments having circumferential ends which are joined together  
3 at connecting areas.

1                   10. An electric machine as in claim 9 wherein the connecting areas of  
2 at least some of said stampings are circumferentially offset from the connecting areas of  
3 axially adjacent stampings.

1                   11. An electric machine as in claim 10 wherein the segments of some  
2 of said axially adjacent stampings are congruent with each other.